

# Receiving Report

Date:

17-6-1  
Aviall

Batch No:

13768D

Supplier:

Dart P/O:

36471

Packing Slip: Yes ☒ No ☐  
Invoice: Yes ☒ No ☐  
Receipt: Cash ☐ Cr ☒  
New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
Waybill Attached: Yes ☒ No ☐  
Shipment Complete: Yes ☐ No ☒ N/A ☒  
QC18 Inspection ☐ N/A ☒  
Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:


Date

Received/Costing

Initial

Location





**Dart Aerospace Ltd.**  
 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Tel: 613 632 9577  
 Fax: 613 632 1053

**PURCHASE ORDER**

**Purchase Order ID PO36471**

Purchase Order Date 5/29/2017  
 PO Print Date 5/29/2017

Page Number 1 of 7


**Order From :** VU-AVI003

AVIALL  
 PO BOX 842275

DALLAS, TX 75284-2275  
 USA

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
 HAWKESBURY, ON K6A 1K7  
 CANADA



M 137680

<p><b>Contact Name</b></p> <p><b>Vendor Phone</b>      905-676-1695</p> <p><b>Ship To Contact</b></p> <p><b>Ship To Phone</b></p> <p><b>Ship Via:</b>              FedEx Overnight collect</p> <p><b>Ship Acct:</b></p>	<p><b>Buyer</b></p> <p><b>Customer POID</b></p> <p><b>Customer Tax #</b></p> <p><b>Terms</b></p> <p><b>Currency</b></p> <p><b>FOB</b></p>	<p>Chantal Lavoie</p> <p>10127-2607</p> <p>Net 30</p> <p>USD</p> <p>EXW – (Ex Works)</p>
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Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	101005-4CR-0080  AS PER DWG D5373 REV. D B162132	Oil Drain Line	6/6/2017 Yes 6/6/2017	FN	7.00 Each	\$131.31	\$919.17
						<b>Line Total:</b>	<b>\$919.17</b>
2	101005-4CR-0150  AS PER DWG D5373 REV. D B162133	Oil Drain Line	6/6/2017 Yes 6/6/2017	FN	5.00 Each	\$141.40	\$707.00
						<b>Line Total:</b>	<b>\$707.00</b>
3	101005-4CR0170  AS PER DWG D5373 REV. D B162134	Oil Drain Line	6/6/2017 Yes 6/6/2017	FN	5.00 Each	\$146.22	\$731.10

**PO Instructions:** Fedex Acc#151793240

**Note:**





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO36471**

Purchase Order Date 5/29/2017

PO Print Date 5/29/2017

Page Number 2 of 7

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

FedEx Overnight collect

**Ship Acct:**

**Buyer**

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

**Line Total:** \$731.10

4 101062B0190CR270

Oil Drain Line

6/6/2017 FN  
Yes  
6/6/2017

5.00  
Each

\$224.53 \$1,122.65

AS PER DWG D5373 REV. D  
B162135

**Line Total:** \$1,122.65

5 AN526-1032R12 ✓

Screw ✓

6/6/2017  
Yes  
6/6/2017

100.00  
Each ✓

\$0.11 \$11.00

326.

**Line Total:** \$11.00

6 AN970-3 ✓

Washer ✓

6/6/2017 FN  
Yes  
6/6/2017

100.00  
Each ✓

\$0.05 \$4.80

321

**Line Total:** \$4.80

SP17-61

**PO Instructions:** Fedex Acc#151793240

**Note:**

5/29/2017





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Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO36471

Purchase Order Date 5/29/2017

PO Print Date 5/29/2017

Page Number 3 of 7

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

**Ship Acct:**

FedEx Overnight collect

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

10127-2607

Net 30

USD

EXW - (Ex Works)

7 NAS6604D16

Bolt

6/6/2017 FN  
Yes  
6/6/2017

100.00  
Each

\$1.08

\$108.00

**Line Total:**

**\$108.00**

8 AN4-13A

Bolt

6/6/2017 FN  
Yes  
6/6/2017

100.00  
Each

\$0.18

\$18.00

**Line Total:**

**\$18.00**

9 AN4-42A

Bolt

6/6/2017  
Yes  
6/6/2017

20.00  
Each

\$0.97

\$19.40

**Line Total:**

**\$19.40**

10 AN5-10A

Bolt

6/6/2017  
Yes  
6/6/2017

50.00  
Each

\$0.25

\$12.50

**PO Instructions:** Fedex Acc#151793240

**Note:**

5/29/2017

2017-6-1





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Tel: 613 632 9577  
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# PURCHASE ORDER

Purchase Order ID PO36471

Purchase Order Date 5/29/2017

PO Print Date 5/29/2017

Page Number 4 of 7

Order From :

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

Ship To : DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

905-676-1695

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

11 AN5-12A

Bolt

6/6/2017 FN  
Yes  
6/6/2017

50.00  
Each

Line Total:

~~\$12.50~~

~~\$0.28~~

~~\$14.00~~

12 MS21042L3

Nut

6/6/2017 FN  
Yes  
6/6/2017

1,000.00  
Each

Line Total:

~~\$14.00~~

~~\$0.14~~

~~\$140.00~~

13 MS21042L4

Nut

6/6/2017 FN  
Yes  
6/6/2017

1,000.00  
Each

Line Total:

~~\$140.00~~

~~\$0.17~~

~~\$170.00~~

PO Instructions: Fedex Acc#151793240

Note:

5/29/2017





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO36471

Purchase Order Date 5/29/2017

PO Print Date 5/29/2017

Page Number 5 of 7

Order From :  
AVIAL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AV1003

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905-676-1695

Ship To Contact  
Ship To Phone  
Ship Via:  
Ship Acct:

FedEx Overnight collect

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB EXW - (Ex Works)

14 MS21071L3

ANCHOR NUT

6/6/2017  
Yes  
6/6/2017

20.00  
Each

\$0.53

\$10.60

15.50

Line Total:

\$10.60

15 NAS1149F0663P

WASHER

6/6/2017  
Yes  
6/6/2017

200.00  
Each

\$0.02

\$4.10

6.00

Line Total:

\$4.10

16 MS24693-C278

Screw

6/6/2017 FN  
Yes  
6/6/2017

100.00  
Each

\$0.15

\$15.00

Line Total:

\$15.00

17 AN3C21A

Bolt

6/6/2017  
Yes  
6/6/2017

20.00  
Each

\$0.81

\$16.20

PO Instructions: Fedex Acc#151793240

Note:

5/29/2017





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1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
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Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO36471

Purchase Order Date 5/29/2017

PO Print Date 5/29/2017

Page Number 6 of 7

Order From :  
AVIAL  
PO BOX 842275

VU-AVI003

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

DALLAS, TX 75284-2275  
USA

Contact Name  
Vendor Phone 905-676-1695  
  
Ship To Contact  
Ship To Phone  
Ship Via: FedEx Overnight collect  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB EXW - (Ex Works)

Chantal Lavoie

Line Total: \$16.20

18 71400-11

515X349 PRIMER  
DESOTO

6/6/2017

Yes

6/6/2017

2.00

Each

\$282.26

\$564.52

Line Total: \$564.52

19 71401-45

PROCUREMENT  
QUALITY CLAUSES

6/6/2017

No

6/6/2017

1.00

\$0.00

\$0.00

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A015 SHELF LIFE CONTROLLED MATERIAL 60%  
A016 PERSONNEL QUALIFICATION  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT  
A033 STATEMENT OF CONFORMITY/TEST RECORDS  
FOR NAS, AN and MS FASTENERS  
A040 NOTIFICATION OF QUALITY ESCAPE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENTS

SP7-6-1

PO Instructions: Fedex Acc#151793240

Note:

5/29/2017





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
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# PURCHASE ORDER

Purchase Order ID **PO36471**

Purchase Order Date 5/29/2017

PO Print Date 5/29/2017

Page Number 7 of 7

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

905-676-1695

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

Line Total: \$0.00

PO Total: \$4,588.04

W

CL

PO Instructions: Fedex Acc#151793240

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 3

Change Date: 5/29/2017





# BOX CONTENT LIST



ODO: 310006195704

ROUTE: FDXIPA

PAGE: 1 of 3  
DATE: 05/31/2017  
TIME: 17:03:08



Handling Unit: 110000000504949542

Packed at WorkCenter: SI04

CUSTOMER PO:PO36471  
ORDER NUMBER:8004530308

B I L L T O  
CU10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

S H I P T O  
CU10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

S H I P F R O M  
1000  
AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
PO Box 619048  
DFW AIRPORT TX 75261  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM
00050		28	AN970-3=28 WASHER: FLT,ST	100	100	EA
			BATCH 7364473828 Exp Date:		100	
00060		28	NAS6604D16=28 BOLT: HEX HD,SHEAR,ST	100	100	EA
			BATCH 7364392536 Exp Date:		100	
00070		28	AN4-13A=28 BOLT: HEX HD,ST	100	100	EA
			BATCH 7364463339 Exp Date:		100	
00080		28	AN4-42A=28 BOLT: HEX HD,ST	20	20	EA
			BATCH 7364430230 Exp Date:		20	
00090		28	AN5-10A=28 BOLT: HEX HD,ST	50	50	EA
			BATCH 7364458681 Exp Date:		50	

821761

**This is not an invoice.  
For payment processing, please refer to Invoice.**

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.  
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY





## BOX CONTENT LIST



ODO: 310006195704

ROUTE: FDXIPA

PAGE: 2 of 3  
DATE: 05/31/2017  
TIME: 17:03:08

Handling Unit: 110000000504949542

Packed at WorkCenter: SI04

CUSTOMER PO:PO36471  
ORDER NUMBER:8004530308B CU10003952  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
OS CU10003952  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
OS 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P PO Box 619048  
F DFW AIRPORT TX 75261  
R USA  
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM			
00100		28	AN5-12A=28 BOLT: HEX HD,ST	50	50	EA			
			BATCH 7364435442 Exp Date:		50				
00110		28	MS21042L3=28 NUT: SELF-LKG,ST	1,000	1,000	EA			
			BATCH 7364546660 Exp Date:		1,000				
00120		28	MS21042L4=28 NUT: SELF-LKG,ST	1,000	1,000	EA			
			BATCH 7364499269 Exp Date:		1,000				
00130		28	MS21071L3=28 NUTPLATE: SELF-LKG,ST	50	50	EA			
			BATCH 7364357039 Exp Date:		50				
00140		28	NAS1149F0663P=28 WASHER: FLT,ST	200	200	EA			
			BATCH 7364438983 Exp Date:		200				

81761

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AMENDED.





## BOX CONTENT LIST



ODO: 310006195704

ROUTE: FDXIPA

PAGE: 3 of 3  
DATE: 05/31/2017  
TIME: 17:03:08

Handling Unit: 110000000504949542

Packed at WorkCenter: SI04

CUSTOMER PO: PO36471  
ORDER NUMBER: 8004530308B CU10003952  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
OS CU10003952  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
OS 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P PO Box 619048  
F DFW AIRPORT TX 75261  
R USA  
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM
00150		28	MS24693C278=28 SCREW: CSK,FLT HD,MACHINE,SS	100	100	EA
	BATCH 7364508888		Exp Date:		100	
00160		28	AN3C21A=28 BOLT: HEX HD,SS	20	20	EA
	BATCH 7364446275		Exp Date:		20	

8217-61

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FEE.

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AMENDED.





ODO: 310006198578

ROUTE: FDXIPA



Handling Unit: 110000000504928608

Packed at WorkCenter: SE03

CUSTOMER PO:PO36471  
ORDER NUMBER:8004531521

**B** CU10003952  
**I** DART AEROSPACE LTD  
**L** 1270 ABERDEEN STREET  
**L** HAWKESBURY ON K6A 1K7  
**T** CANADA  
**O**

**S** CU10003952  
**H** DART AEROSPACE LTD  
**I** 1270 ABERDEEN STREET  
**P** HAWKESBURY ON K6A 1K7  
**T** CANADA  
**O**

**S** 1000  
**H** AVIALL CENTRAL WAREHOUSE  
**I** DALLAS CDC  
**P** PO Box 619048  
**F** DFW AIRPORT TX 75261  
**R** USA  
**O**

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM
00180	28	AN526-1032R12=28	SCREW: PAN HD,MACHINE,ST	100	100	EA
		BATCH 7364462505	Exp Date:		100	

6976-1

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DELIVERY NUMBER: 8004530309

ROUTE: US FedEx International Priority

PAGE:1 of 1  
DATE:31MAY17  
TIME:14:00:14  
EMP:00000000  
ORD TYP: ZOR 169  
CURRENCY:USD  
TERMS:Net 30

CUSTOMER PO:PO36471  
ORDER NUMBER:1003140901  
ORDER DATE:30MAY17

**B  
I  
L  
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O**  
10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	5N	515X349GLKIT PRIMER: EXTERIOR,A/B,GL BATCH 7364521224 Exp Date :31JAN19	2	2	0	KIT	293.55	587.10

88 17-61

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*[Signature]*

JR Hofmann, Director, Global Quality

31MAY17  
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY





## PACKING LIST



DELIVERY NUMBER: 8004531521

ROUTE: US FedEx International Priority

PAGE:1 of 1

DATE:31MAY17

TIME:12:14:47

EMP:00000000

ORD TYP: ZOR 169

CURRENCY:USD

TERMS:Net 30

CUSTOMER PO:PO36471  
ORDER NUMBER:1003140901  
ORDER DATE:30MAY17

B 10003952  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
O

S 10003952  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
O

S 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P 2750 REGENT BLVD  
F DFW AIRPORT TX 75261  
R USA  
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM		CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	28	AN526-1032R12 SCREW: PAN HD,MACHINE,ST BATCH 7364462505	100	100	0	EA		0.06	6.00

807-61

**This is not an Invoice.**  
**For payment processing, please refer to Invoice.**

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## PACKING LIST



PAGE:1 of 3  
DATE:31MAY17  
TIME:17:04:12  
EMP:00000000  
ORD TYP: ZOR 169  
CURRENCY:USD  
TERMS:Net 30

DELIVERY NUMBER: 8004530308

ROUTE: US FedEx International Priority

CUSTOMER PO:PO36471  
ORDER NUMBER:1003140901  
ORDER DATE:30MAY17

B 10003952  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
O

S 10003952  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
O

S 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P 2750 REGENT BLVD  
F DFW AIRPORT TX 75261  
R USA  
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	28	AN970-3 WASHER: FLT,ST	100	100	0	EA	4.80	4.80
			BATCH 7364473828		100				
00020	0	28	NAS6604D16 BOLT: HEX HD,SHEAR,ST	100	100	0	EA	1.08	108.00
			BATCH 7364392536		100				
00030	0	28	AN4-13A BOLT: HEX HD,ST	100	100	0	EA	0.18	18.00
			BATCH 7364463339		100				
00040	0	28	AN4-42A BOLT: HEX HD,ST	20	20	0	EA	0.97	19.40
			BATCH 7364430230		20				
00050	0	28	AN5-10A BOLT: HEX HD,ST	50	50	0	EA	0.25	12.50
			BATCH 7364458681		50				
00060	0	28	AN5-12A BOLT: HEX HD,ST	50	50	0	EA	0.28	14.00

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507-6-1

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JR Hofmann, Director, Global Quality

31MAY17  
Date

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CUSTOMER COPY





A BOEING COMPANY

## PACKING LIST



DELIVERY NUMBER: 8004530308

ROUTE: US FedEx International Priority

PAGE:2 of 3

DATE:31MAY17

TIME:17:04:12

EMP:00000000

ORD TYP: ZOR 169

CURRENCY:USD

TERMS:Net 30

CUSTOMER PO:PO36471  
 ORDER NUMBER:1003140901  
 ORDER DATE:30MAY17

B 10003952  
 I DART AEROSPACE LTD  
 L 1270 ABERDEEN STREET  
 L HAWKESBURY ON K6A 1K7  
 T CANADA  
 O

S 10003952  
 H DART AEROSPACE LTD  
 I 1270 ABERDEEN STREET  
 P HAWKESBURY ON K6A 1K7  
 T CANADA  
 O

S 1000  
 H AVIALL CENTRAL WAREHOUSE  
 I DALLAS CDC  
 P 2750 REGENT BLVD  
 F DFW AIRPORT TX 75261  
 R USA  
 O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00070	0	28	BATCH 7364435442 MS21042L3 NUT: SELF-LKG,ST	1,000	50 1,000		0 EA	0.14	140.00
00080	0	28	BATCH 7364546660 MS21042L4 NUT: SELF-LKG,ST	1,000	1,000		0 EA	0.17	170.00
00090	0	28	BATCH 7364499269 MS21071L3 NUTPLATE: SELF-LKG,ST	50	1,000 50		0 EA	0.31	15.50
00100	0	28	BATCH 7364357039 NAS1149F0663P WASHER: FLT,ST	200	50 200		0 EA	0.03	6.00
00110	0	28	BATCH 7364438983 MS24693C278 SCREW: CSK,FLT HD,MACHINE,SS	100	200 100		0 EA	0.15	15.00
			BATCH 7364508888		100				

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SPH-6-1.

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JR Hofmann, Director, Global Quality

31MAY17  
Date

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## PACKING LIST



DELIVERY NUMBER: 8004530308

ROUTE: US FedEx International Priority

PAGE:3 of 3

DATE:31MAY17

TIME:17:04:12

EMP:00000000

ORD TYP: ZOR 169

CURRENCY:USD

TERMS:Net 30

CUSTOMER PO:PO36471  
ORDER NUMBER:1003140901  
ORDER DATE:30MAY17

B 10003952  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
O

S 10003952  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
O

S 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P 2750 REGENT BLVD  
F DFW AIRPORT TX 75261  
R USA  
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00120	0	✓28	AN3C21A BOLT: HEX HD,SS BATCH 7364446275	20	✓20 20	0	EA	0.81	✓16.20

807-6-1.

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A BOEING COMPANY

# Commercial Invoice

AVIALL SERVICES INC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

Tracking Number

722544829681

Ship From

LU\_US\_1000

AVIALL CENTRAL WAREHOUSE  
2750 REGENT BLVD.  
DFW AIRPORT TX 75261  
USA

Government Transaction Number

NOEEI FTR 30.36

Delivery Number

8004530309

Commercial Invoice Number

9305645095

Ship Date

31 May, 2017

Incoterms

EXW Shipping Point

Sold To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Ultimate Consignee DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Ship To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Freight Forwarder FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515	400010
						Tax Number: 20-4734803	

Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
170	515X349GLKIT - PRIMER: EXTERIOR,A/B,GL Export Tariff: 3907300000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364521224	US	2 ✓	KIT	293.55	587.10 ✓

SP 17-6-1





A BOEING COMPANY

# Commercial Invoice

Delivery Number	Commercial Invoice Number
8004530309	9305645095

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
------	---------------------------	-------------------	----------	-----	-------------------	-----------------------

Gross Value	587.10
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	587.10

**FOR CUSTOMS PURPOSES ONLY  
NOT A BILLING INVOICE**

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end user(s) here in identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

8817-61





A BOEING COMPANY

# Commercial Invoice

AVIALL SERVICES INC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

Tracking Number  
722544828090

Ship From LU\_US\_1000  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BLVD.  
DFW AIRPORT TX 75261  
USA

Government Transaction Number  
**NOEEI FTR 30.36**

Delivery Number  
8004531521

Commercial Invoice Number  
9305644204

Ship Date  
31 May, 2017

Incoterms  
EXW Shipping Point

Sold To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Ultimate Consignee DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Ship To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Freight Forwarder FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515	400010
						Tax Number: 20-4734803	

Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
180	AN526-1032R12 - SCREW: PAN HD,MACHINE,ST Export Tariff: 7318159000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364462505	US	100	EA	0.06	6.00

SPF-61





A BOEING COMPANY

# Commercial Invoice

Delivery Number	Commercial Invoice Number
8004531521	9305644204

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
------	---------------------------	-------------------	----------	-----	-------------------	-----------------------

Gross Value	6.00
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	6.00

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801761





A BOEING COMPANY

AVIAL SERVICES INC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

## Commercial Invoice

Tracking Number  
722544832200

Ship From LU\_US\_1000

AVIAL CENTRAL WAREHOUSE  
2750 REGENT BLVD.  
DFW AIRPORT TX 75261  
USA

Government Transaction Number

NOEEI FTR 30.36

Delivery Number

8004530308

Commercial Invoice Number

9305648161

Ship Date

31 May, 2017

Incoterms

EXW Shipping Point

Sold To	10003952	Ultimate Consignee	10003952	Ship To	10003952	Freight Forwarder	400010
DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515	
Tax Number: 20-4734803							

Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
50	AN970-3 - WASHER: FLT,ST Export Tariff: 7318220000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364473828	US	100	EA	0.05	4.80
60	NAS6604D16 - BOLT: HEX HD,SHEAR,ST Export Tariff: 7318152000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364392536	US	100	EA	1.08	108.00
70	AN4-13A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364463339	US	100	EA	0.18	18.00

SP17-61





# Commercial Invoice

A BOEING COMPANY

Delivery Number	Commercial Invoice Number
8004530308	9305648161

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
80	AN4-42A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364430230	US	20	EA	0.97	19.40
90	AN5-10A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364458681	US	50	EA	0.25	12.50
100	AN5-12A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364435442	US	50	EA	0.28	14.00
110	MS21042L3 - NUT: SELF-LKG,ST Export Tariff: 7318160000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364546660	US	1,000	EA	0.14	140.00
120	MS21042L4 - NUT: SELF-LKG,ST Export Tariff: 7318160000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364499269	US	1,000	EA	0.17	170.00
130	MS21071L3 - NUTPLATE: SELF-LKG,ST Export Tariff: 7318160000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364357039	IT	50	EA	0.31	15.50
140	NAS1149F0663P - WASHER: FLT,ST Export Tariff: 7318220000 Export Classification: 9A991.d Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364438983	US	200	EA	0.03	6.00

SP17-61





A BOEING COMPANY

# Commercial Invoice

Delivery Number	Commercial Invoice Number
8004530308	9305648161

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
✓ 150	MS24693C278 - SCREW: CSK,FLT HD,MACHINE,SS Export Tariff: 7318159000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364508888	US	100	EA	0.15	✓ 15.00
✓ 160	AN3C21A - BOLT: HEX HD,SS Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_MAY_2017 Sales Order: 1003140901 PO: PO36471 Batch Number: 7364446275	US	20	EA	0.81	✓ 16.20

Q1761

Gross Value	539.40
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	539.40

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## SHIPPER'S DECLARATION FOR DANGEROUS GOODS

<b>Shipper</b> AVIALL SERVICES INC 2750 REGENT BLVD DFW AIRPORT, TX, 75261 U.S.A.		<b>Air Waybill No.</b> 722544829681  Page 1 of 1 Pages  <b>Shipper's Reference Number</b> 8004530309 (optional)					
<b>Consignee</b> DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY, ON, K6A 1K7 Canada		<b>Created using International Air regulations and FedEx carrier variations.</b>  <b>LABELMASTER SOFTWARE</b>					
Two completed and signed copies of this declaration must be handed to the operator.		<b>WARNING</b>  Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.					
<b>TRANSPORT DETAILS</b>  This shipment is within the limitations prescribed for: (delete non-applicable) <table border="1"><tr><td><del>PASSENGER AND CARGO AIRCRAFT</del></td><td>CARGO AIRCRAFT ONLY</td></tr></table>  Airport of Departure:		<del>PASSENGER AND CARGO AIRCRAFT</del>	CARGO AIRCRAFT ONLY	<b>Shipment type:</b> (delete non-applicable) <table border="1"><tr><td>NON-RADIOACTIVE</td><td><del>RADIOACTIVE</del></td></tr></table>		NON-RADIOACTIVE	<del>RADIOACTIVE</del>
<del>PASSENGER AND CARGO AIRCRAFT</del>	CARGO AIRCRAFT ONLY						
NON-RADIOACTIVE	<del>RADIOACTIVE</del>						
Airport of Destination:							
<b>NATURE AND QUANTITY OF DANGEROUS GOODS</b>							
Dangerous Goods Identification							
UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Packing Group	Quantity and type of packing	Packing Inst.	Authorization	
UN1263	Paint	3	II	1 Fibreboard Box x 16 L	364		
SP 176-1							
Additional Handling Information ICAO ERG CODE 3L (UN1263). Emergency Contact Name: CCN2132 . 24 hr. Emergency Contact Tel. No. 1-800-424-9300 // INTL +1-703-527-3887							
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I declare that all of the applicable air transport requirements have been met.				Name/Title of signatory  Robert Reid Hazardous Shipper  Place and Date Dallas Tx, 75261 5/31/2017  Signature <i>Robert Reid</i> (see warning above)			



# Certificate of Conformance Pick Ticket

Page: 1 of 2

PRC-DeSoto International, Inc.  
A PPG Industries Company  
PRC DESOTO INTL-ASC DALLAS  
2750 114th Street, Suite 400  
Grand Prairie, TX 75050  
UNITED STATES  
Phone: 817-640-1067  
Fax: 817-640-1058

Order Date: 03/29/17  
Cust. No.: DA090713  
Terms: net30  
Cust. P.O.: 45593819

Pack List #: S1342170

03/30/17  
09:14:40



CSR: DA508 Transaction Type:  
Shipment Terms:

Site: 3723US

DS-PO#: Shipvia: SEE BELOW

Remarks: SPEC-AVIALL/ROJEAN 972-586-1314

ITEM 515X349GLKIT=5N



BATCH 7364521224



AFULTS  
04/07/17

Ship To 00030970

AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
ATTN: RECEIVING DOCK 15-18  
DFW AIRPORT, TX 75261  
UNITED STATES

Line	Qty Ordered	UM	Description	Req Date	Due Date	Promise Date	Qty to Ship	Qty Picked
------	-------------	----	-------------	----------	----------	--------------	-------------	------------

NEVER ADD FRT TO INVOICE, MUST SHIP COLLECT  
FEDEX GROUND COLLECT ACCT #123985630  
IF 150 LBS OR MORE FEDEX FREIGHT COLLECT (ACCT# 532626056)  
DO NOT SHIP PARTIAL LINES! \*\*\* MSDS REQUIRED WITH EACH SHIPMENT \*\*\*  
MUST HAVE 75% SHELF LIFE.  
EDGE PROTECTORS REQUIRED

10	155	EA	1828B1/4AM654SK	03/30/17	03/30/17	03/30/17		
----	-----	----	-----------------	----------	----------	----------	--	--

DOM OR DOP: 11-16  
EXP DATE: 08-17  
SHELF LIFE: 9 MONTHS

AMS 3277 TY 2 CL B 1/4  
PR 1828 B 1/4 654SK  
SPEC: AMS 3277 REV J TY 2 CL B-1/4 GR 1  
Customer Item: PR1828B1-4=5N

Lot No: 921918  
\*Location: RACK 16  
Expires After: 8/17  
Lot No: 971231  
\*Location: rack 16  
Expires After: 10/17

In compliance with the chemical registration laws of UNITED STATES

1.24  
1.1  
35  
35  
120  
120  
5.24  
S.L

20	33	EA	0515X349XXIKG22K	03/30/17	03/30/17	03/30/17		
----	----	----	------------------	----------	----------	----------	--	--

DOM OR DOP: 02-17 / 01-17  
EXP DATE: 01-15  
SHELF LIFE: 24 months  
LW

BMS1079/DMS2144/DHMS/VMS  
515X349/910X533 GL KIT  
SPEC: DESOTO STD PRIMER REV ORG  
Customer Item: 515X349GLKIT=5N  
DESOTO STD ONLY  
ANY OTHER SPEC WILL BE REJECTED  
Lot No: 98066828  
\*Location: flm-17c  
- 515X349 001  
Batch: 1032002

16.2  
1.1  
33  
33

Shipped by Date 3/30/17

PPG Aerospace/PRC DeSoto International certifies that the above material has been manufactured, tested and conforms to all requirements in accordance with applicable specifications. All test data pertaining to batch acceptance requirements defined by the specification for this material is on file and available for inspection on request. For Non-US PPG Customers, we can only offer Technical Data/Test Reports for any ITAR restricted specifications with valid US export authorization.

SH6

Quality  
Control

QC29



**ETA Global Inc.**P.O. BOX 259  
PALESTINE, TX 75802-0259PH: (903)729-3131  
Quality FAX: (903)729-1217  
www.etaglobal.com**Packing Slip**

354359-000

Page 1 of 1

Ship Date:

ISO9001:2008  
AS9100 Rev C  
Certificate NO. C0023281

Sold to: 8418

Ship to:

AVIALL SERVICES (CONTRACT)  
ATTN: ACCOUNTS PAYABLE  
PO BOX 619048  
DALLAS, TX 75261  
UNITED STATESAVIALL SERVICES (CONTRACT)  
2750 REGENT BLVD  
DFW AIRPORT, TX 75261  
UNITED STATES

Customer P.O.		Department		Message		
45540799		500		FEDEX 0752-6857-2		
Payment terms		Salesper 2		B P	Ship via	Freight terms
1%10NET30		#####		Y Y	Fed X grnd	COLLECT
Ln	Ship Quantity	UOM	Item / Description			

0010 2500 EACH AN526-1032R12  
SCREW, MACHINE, TRUSS HEADControl #: 48975100-04-01 2500  
Mfg Lot #: 88632  
MFG: CRESCENT MANUFACTURING CO  
Country of origin: UNITED STATES

ITEM AN526-1032R12=28



BATCH 7364462505

LRAMSEY  
01/25/17

ETA certifies the products furnished on the above referenced order have been manufactured in accordance with all applicable part numbers, specifications, and descriptions. This statement is supported by a Certificate of Conformance and/or Chemical/Physical report of raw material on file at ETA or place of manufacture/supply subject to examination with proper notice (additional costs may be incurred.)

Quality Control Authority *Chris Silversen* #2 Date: 1/5/17

IMPORTANT NOTICE: LIMITATION OF REMEDIES: If this product is proved to be defective, the exclusive remedy available and ETA's only obligation shall be to replace such quantity of this product which is proved to be defective or to refund the purchase price paid for this product. ALL CLAIMS FOR DEFECTIVE MATERIAL ARE WAIVED UNLESS MADE IN WRITING WITHIN 30 DAYS FROM THE DATE OF SHIPMENT.  
LIMITATION OF LIABILITIES: ETA shall not be liable for any damages, including incidental and/or consequential damage, regardless of the legal theory asserted, including negligence and/or strict liability.  
Before using, User shall determine the suitability of the product for intended use. User assumes all risk and liability whatsoever in connection therewith. CHECK CAREFULLY - Reference must be made to our delivery receipt register number when making claims or request for adjustment. ALL RETURNS SUBJECT TO APPROVAL OF SELLER TO RETURN.  
The foregoing limitation of remedies and liabilities may not be altered unless in writing signed by the President of ETA GLOBAL, INC.

Distribution/Manufacturing software provided by Rennie, Lindsey and Associates, Inc.

01-05-17 11:18 AM

Mention promo code 004189 at www.rla-assist.com/promo.html



Nº 88632

# CERTIFICATE OF COMPLIANCE TEST REPORT

FORM REV A 11/09

MADE IN THE U.S.A.

CUSTOMER NAME ETA GLOBAL

PART NO. AN526-1032R12 REV 6

PURCHASE ORDER NO. 489751

INTERNAL ROUTING NO. 40735

QUANTITY TWENTY FIVE THOUSAND

MATERIAL/SPECIFICATION .176 1018 STL WIRETECH I-W41389

DATE 4/27/2015

PARTS CONTAINED IN THIS SHIPMENT HAVE BEEN MANUFACTURED AND INSPECTED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SPECIFICATIONS.

## PHYSICAL PROPERTIES

TENSILE STRENGTH      HARDNESS      SCALE

- |                |    |
|----------------|----|
| 1) 1396.9 LB T | 1) |
| 2) 1432.9 LB T | 2) |
| 3) 1404.8 LB T | 3) |
| 4) 1405.0 LB T | 4) |
| 5) 1401.7 LB T | 5) |
| 6)             | 6) |
| 7)             | 7) |
| 8)             | 8) |

CONFORMS TO THE PROCUREMENT SPECIFICATIONS OF:

FF-S-92B

## OTHER MECHANICAL TEST DATA

- ☐ MEET MAGNETIC PERMEABILITY REQUIREMENTS OF FF-S-92B, MIL-I-17214B, AND ASTM A342/A 342M TEST METHOD 3.

PARTS ARE FREE FROM MERCURY AND ASBESTOS CONTAMINATION.  
PART(S) COVERED UNDER THIS CERTIFICATION ARE CONFLICT MINERAL FREE AND IS/ARE IN COMPLIANCE WITH THE DODD-FRANK ACT.  
VISUAL AND DIMENSIONAL INSPECTION SATISFACTORY.

## FINISH

CAD TYPE I CLASS 3 PER AMS QQ-P-416 REV C

## OTHER TESTING:

ADDITIONALLY, AN ANSI/ASQC Z 1.4 SAMPLE OF THE FINISHED FASTENERS WERE TESTED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS. SAMPLE PARTS AND THE TEST DATA ARE IN OUR RECORDS RETENTION AREA AS OBJECTIVE EVIDENCE AND WILL BE HELD AS REQUIRED.

INSPECTED TO ZERO ACCEPTANCE SAMPLE / INDEX VALUE 2.5

Signature

TRACEY NIKSA, QC TECH

Cage Code #63020

700 George Washington Turnpike, Burlington, CT 06013, U.S.A.

Telephone: (860) 673-2591 Fax: (860) 673-5973

CRESCENT MANUFACTURING OPERATING, CO.



1910422581  
ETA CTL# 48975100-04-01





CUST PO NO 45569057 SO NO 542211  
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP POST FALLS, ID 83854



CUST PO NO 45569057 SO NO 542211  
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP POST FALLS, ID 83854



CUST PO NO 45569057 SO NO 542211  
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP POST FALLS, ID 83854

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

PO36471

CUSTOMER BILL TO ADDRESS

COMPLETE CUSTOMER PO NO.

BILL TO NO.

SHIP TO NO.

PAGE

45569057

ASI007

BUYER NAME & PHONE NO.

LANA

AVIALL SERVICES, INC.  
 ATTN. AP DEPT.  
 P.O. BOX 619048  
 DALLAS TX 752619048

**PACKING SLIP**  
**INSPECT IMMEDIATELY**

NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1		100	100	C 87465 / 81520	45569057	ASI007	BOLT BX 28-22
2		1	1	C S/C MANUFACTURE CERT	45569057	ASI007	CERTIFICATION
3		1	1	C COUNTRY OF ORIGIN	45569057	ASI007	
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
NE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION



SRLOPEZ  
 01/04/17

ITEM AN3C21A = 28

CERTIFICATION OF CONFORMANCE

E HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE

DEC 28 2016

QUALITY CONTROL MANAGER

*Amelia K. Spencer*

DATE SHIPPED

SHIPPED VIA

SIGNATURE - MERCHANDISE RECEIVED

X

AVIA

TOTAL WT

NO CTNS

P = PARTIAL

C = COMPLETE

CC = CONSIDER COMPLETE

CX = CANCEL



**MAC FASTENERS, INC.**  
**1110 ENTERPRISE**  
**OTTAWA, KANSAS 66067**

**CERTIFICATE OF CONFORMANCE  
AND  
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: BILD INDUSTRIES

PO: 87465

PART NUMBER: AN3C21A

REV: 3

LOT NUMBER: 81520

MANUFACTURED QUANTITY: 2,875

MILL HEAT NUMBER: 575031

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

**MERCURY FREE CERTIFICATION**

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4  
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 10/16/15

  
QUALITY ASSURANCE REPRESENTATIVE





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

# Packing Slip

Original

Invoice #: 148046

Invoice Date: 1/12/2017

Time: 2:19:55 PM

Page: 1

## To:

AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

## Ship To:

AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45571469

Terms: NET 30

Ship Via: FED EX MOTOR FRESHip Via Acc:

Order Date: 12/22/2016

# of Items: 1

# of Boxes: 14

Weight: 385

Prepared By:

Sales Order: 121675

Ship Log #: 1

Ship Order:

Customer #: 15195

VAT #:

Cust VAT #:

Ship Date: 1/12/2017

Buyer: REJOE JACOB

FOB:

AWB:

Shipment:

WO #:

Item	Part Number/Description	Shipped	BackOrd	CD	List Price	Disc	Unit Price	UOM	Total Amt
2	AN5-10A BOLT, AN Loc/Whse: Control #: 154766-1 L-26353  1. 50 PC PER PACK 2. 50 PC PER PACK	3500	0	NE				EA	
<div>ITEM AN5-10A=28</div> <div></div> <div>BATCH 7364458681</div> <div></div> <div>SRL 01/2</div>									

C OF C ENCLOSED  
14 BOXES 385 LBS  
INV# 148046-148054 ARE SHIPPING TOGETHER  
PARTS MANUFACTURED IN THE USA!!  
THANK YOU!

## Special Instructions:

Authorized Signature:





2655 Harrison Ave. SW  
Canton, Ohio 44706-3047  
Phone: 330-430-6190  
Fax: 330-430-6199

## CERTIFICATE OF CONFORMANCE

### AVIALL

I hereby certify that on **01/12/17** Airfasco Industries provided the supplies called for by Contract/ PO Number **45571469** in accordance with all applicable requirements for shipment. I further state/ that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States.

Quality Assurance Representative

  
WM. DENT

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
AN5-10A	26353	3500			





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

## Packing Slip Original

Invoice #: 147663

Invoice Date: 12/9/2016

Time: 1:59:49 PM

Page: 1

**To:**  
AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

**Ship To:**  
AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45558434

Terms: NET 30

Ship Via: FED EX GROUND Ship Via Acc: 123985630

Order Date: 12/5/2016

# of Items: 1

# of Boxes: 1

Weight: 34

Prepared By:

Sales Order: 121420

Ship Log #: 1

Ship Order:

Customer #: 15195

VAT #:

Cust VAT #:

Ship Date: 12/9/2016

Buyer: REJOE JACOB

FOB:

AWB:

Shipment:

WO #:

Item	Part Number/Description	Shipped	BackOrd	CD					UOM
1	AN4-42A BOLT, AN Loc/Whse: 3C6 ECK PLATING Control #: 125579-1 L-12810  5 PC PER PACK	500	0	NE					EA

ITEM AN4-42A=28



BATCH 7364430230



AHENRY  
12/14/16

C OF C ENCLOSED  
1 BOX 34 LBS  
PARTS MANUFACTURED IN THE USA!!  
THANK YOU!

Special Instructions:

Authorized Signature:





2655 Harrison Ave. SW  
Canton, Ohio 44706-3047  
Phone: 330-430-6190  
Fax: 330-430-6199

**CERTIFICATE OF CONFORMANCE**

**AVIALL AEROSPACE**

I hereby certify that on 12/09/16 Airfasco Industries provided the supplies called for by Contract/ PO Number **45558434** in accordance with all applicable requirements for shipment. I further state/ that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States.

Quality Assurance Representative

  
WM. DENT

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
AN4-42A	12810	500			





**AERO-GLEN**  
INTERNATIONAL LLC  
COMMITMENT | EXECUTION | RESULTS

1160 MUSTANG DR. SUITE 300  
DFW AIRPORT, TX 75261  
TEL: (817) 328-6600 FAX (972) 456-1015  
WWW.AEROGLEN.COM  
CAGE CODE 9V172  
ISO9001 / AS9100 / AS9120 REGISTERED  
PRI CERTIFICATION: 14-2127, 14-2128R

## PACKING SLIP

Print Date : Sep-07-2016 7:38 AM

Printed By : WBSH Print No. : 2

**No. 088638**

Pg:1/1


**Ship To : [1]**

AVIALL CENTRAL WAREHOUSE  
Attn: RECEIVING DEPT.  
2750 REGENT BOULEVARD  
DFW Airport, TX 75261  
UNITED STATES  
Tel. : 972-586-1994

**For : Account No. [AVIALL-DALLA]**

AVIALL  
Attn: SEDRICK CLARK  
2700 Regent Blvd  
DFW Airport, TX 75261  
UNITED STATES  
Tel. : 972-586-1994

S.O. No. : 063228	Our Ref :	Domestic AW :
Cust P.O. : 0045493152	Your Ref :	Int'l AWB :
Picked On : Aug-08-2016	Spec Inst :	Origin :
Shipped On : Sep-05-2016	Contract :	Transpor :
Ship Via : DROP OFF	Lic No. :	Nationali :
F.O.B. : DESTINATION	Expires :	Trip/Flig :
Terms : NET 30		
Our Contact : MERLE LANGTON		

Line	P/N & Description	Cn	Ordered	Qty Shipped	Back Order	Packaging
1	MS21071L3 UID:149165  Rev: 1 Note: NUTPLATE: SELF-LKG,ST PG:50 PER LOT #: 56579 REV: 1 MFG: PAOLO ASTORI CAGE CODE: A3856	DF1	2,000.00	2,000.00 EA	0.00	
UNLESS NOTED ON THE FACE HEREOF, ANY AND ALL MATERIALS/PARTS SUPPLIED ON THIS S.O./P.O. MAY NOT BE DFARS 252.22-7014 ALT. 1 COMPLIANT. AERO-GLEN, INTL., GRAPEVINE, TX., USA, WILL NOT BE HELD IN VIOLATION OF THE DFARS/SPECIALTY MATERIAL REQUIREMENT. THE COMMODITIES SOLD BY AERO-GLEN, INTL., MUST BE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH ALL U.S. EXPORT LAWS. ANY DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.						

ITEM MS21071L3=28



BATCH 7364357039



**BHORTON**  
09/13/16

Copyright (c) PENTAGON2000 Software, Inc.

Ser # [2009.21078] Ver 9.00.03 Build 29

-CUSTOMER COPY





**AERO-GLEN**  
INTERNATIONAL LLC  
COMMITMENT | EXECUTION | RESULTS

1160 MUSTANG DR. SUITE 300  
DFW AIRPORT, TX 75261  
TEL: (817) 328-6600 FAX (972) 456-1015  
WWW.AEROGLEN.COM  
CAGE CODE 9V172  
ISO9001 / AS9100 / AS9120 REGISTERED  
PRI CERTIFICATION: 14-2127, 14-2128R

## CERTIFICATE OF CONFORMANCE

Print Date : Sep-07-2016 7:38 AM

Printed By: WBSH Print No. : 3

**No. : 088638**

Pg:1/1

**Sold To : Account No. [AVIALL-DALLA]**

AVIALL  
Attn: Email invoice to apinvoices@aviall.com, ACCOUNTS PAYABLE  
2700 Regent Blvd  
DFW Airport, TX 75261  
UNITED STATES  
Tel. : 972-586-1426

**Shipped To :**

AVIALL CENTRAL WAREHOUSE  
RECEIVING DEPT.  
2750 RECENT BOULEVARD  
DFW Airport, TX 75261  
UNITED STATES  
Tel. : 972-586-1994

S.O. No. : 063228	Our Ref :	Domestic AW :
Customer P. : 0045493152	Your Ref :	Int'l AWB:
Issued Date : Aug-08-2016	Spec Inst :	Origin :
	Contract :	Transpor:
Ship Via : DROP OFF	License No. :	Nationali:
F.O.B. : DESTINATION	Expires :	Trip/Flig :
Shipped Dat : Sep-05-201	Terms : NET 30	
Our Contact : MERLE LANGTON		

Line	P/N & Description	Cnd	Qty Ordered	Shipped	Unit Sell Price	Amount
1	MS21071L3  Pick Ticket / Packing Slip No. : 088638 Rev: 1 Note: NUTPLATE: SELF-LKG,ST PG:50 PER LOT #: 56579 REV: 1 MFG: PAOLO ASTORI CAGE CODE: A3856	DF1	2,000.00EA	2,000.00 (Qty. Back 0.00)		

THIS IS TO CERTIFY THAT THE MATERIAL(S) FORWARDED TO YOU MEET ALL THE PO, DRAWING, CHEMICAL AND PHYSICAL REQUIREMENTS AND FREE OF ANY FOREIGN OBJECT DEBRIS. AERO-GLEN, INTL. DISCLAIMS ANY RESPONSIBILITY FOR ALL MANUFACTURING OR ANY FUNCTIONAL DEFECTS AND HEREBY LIMITS EXPRESSED OR IMPLIED WARRANTIES TO LIABILITY FOR THE COST OF REPLACING THE MATERIAL OR REFUNDING THE INVOICE VALUE OF MATERIAL, SO ACCEPTING DELIVERY OF THIS MATERIAL ACKNOWLEDGES AWARENESS OF SUCH LIMITATION OF LIABILITY. PRODUCTS HAVE NOT BEEN INTRODUCED TO MERCURY CONTAMINATION WHILE AT OUR FACILITY. THE COMMODITIES SOLD BY AERO-GLEN, INTL MUST BE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH U.S. EXPORT LAWS. ANY DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. ANY OR ALL MATERIALS/PARTS SUPPLIED ON THIS S.O./P.O. SHALL BE DFARS 252.225-7014 ALTERNATE 1 COMPLIANT AS NOTED ON A LINE ITEM BASIS.

TYSON KAY, V.P.

Copyright (c) PENTAGON 2000-2009, Inc.  
Ser #: [2000.21078] Ver 9.00.03 Build 29

ORIGINAL (COPY.)





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

## Packing Slip

Original

Invoice #: 148315

Invoice Date: 2/1/2017

Time: 1:30:51 PM

Page: 1

### To:

AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

### Ship To:

AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45590243

Terms: NET 30

Ship Via: FED EX MOTOR FRESHip Via Acc:

Order Date: 1/26/2017

# of Items: 1

# of Boxes: 27

Weight: 934

Prepared By:

Sales Order: 122046

Ship Log #: 1

Ship Order:

Customer #: 15195

VAT #:

Cust VAT #:

Ship Date: 2/1/2017

Buyer: REJOE JACOB

FOB:

AWB:

Shipment:

WO #:

Item	Part Number/Description	Shipped	BackOrd	CD	List Price	Disc	Unit Price	UOM	Total Amt
1	AN970-3 WASHER, AN Loc/Whse: 2F1 Control #: 16637-4 L-23972  100 PC PER PACK	36500	13500	NE				EA	

ITEM AN970-3=28

BATCH 7364473828

TDEMBY  
02/08/17

C OF C ENCLOSED  
27 BOXES 974 LBS  
INV# 148311-148320 ARE SHIPPING TOGETHER  
PARTS MANUFACTURED IN THE USA!!  
THANK YOU!

Special Instructions:

Authorized Signature:





2655 Harrison Ave. SW  
Canton, Ohio 44706-3047  
Phone: 330-430-6190  
Fax: 330-430-6199

**CERTIFICATE OF CONFORMANCE**

**AVIALL AEROSPACE**

I hereby certify that on **02/01/17** Airfasco Industries provided the supplies called for by Contract/  
PO Number **45590243** in accordance with all applicable requirements for shipment. I further  
state/ that the process certifications are in conformance with the contract requirements, including  
specifications and/or drawings, physical item identification (part number) and the quantity shown  
on this or attached acceptance document. The part numbers certified below have been  
manufactured in the United States.

Quality Assurance Representative

  
WM. DENT

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
AN970-3	23972	36500			





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

# Packing Slip

Original

Invoice #: 147655

Invoice Date: 12/9/2016

Time: 11:15:55 AM

Page: 1

## To:

AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

## Ship To:

AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45560327

Terms: NET 30

Ship Via: FED EX MOTOR FRESHip Via Acc:

Order Date: 12/7/2016

# of Items: 1

# of Boxes: 27

Weight: 586

Prepared By:

Sales Order: 121466

Ship Log #: 1

Ship Order:

Customer #: 15195

VAT #:

Cust VAT #:

Ship Date: 12/9/2016

Buyer: REJOE JACOB

FOB:

AWB:

Shipment:

WO #:

Item	Part Number/Description	Shipped	BackOrd	CD	List Price	Disc	Unit Price	UOM	Total Amt
1	AN5-12A BOLT, AN Loc/Whse: 4D10 Control #: 127209-1 L-13382  10 PC PER PACK	1250	0	NE				EA	
<div>ITEM AN5 - 12A = 28</div> <div></div> <div>BATCH 7364435442</div> <div></div> <div>TPHONUSA 12/19/16</div>									

C OF C ENCLOSED  
27 BOXES 586 LBS  
INV# 147646 TO 147659 ARE SHIPPING TOGETHER  
PARTS MANUFACTURED IN THE USA!!  
THANK YOU!

## Special Instructions:

Authorized Signature:





2655 Harrison Ave. SW  
Canton, Ohio 44706-3047  
Phone: 330-430-6190  
Fax: 330-430-6199

**CERTIFICATE OF CONFORMANCE**

**AVIALL AEROSPACE**

I hereby certify that on 12/09/16 Airfasco Industries provided the supplies called for by Contract/ PO Number **45560327** in accordance with all applicable requirements for shipment. I further state/ that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States.

Quality Assurance Representative

  
WM. DENT

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
AN5-12A	13382	1250			





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

# Packing Slip Original

Invoice #: 148792

Invoice Date: 3/7/2017

Time: 11:47:34 AM

Page: 1

**To:**  
AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

**Ship To:**  
AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45603455

Order Date: 2/14/2017

Prepared By:

Customer #: 15195

Buyer: REJOE JACOB

WO #:

Terms: NET 30

# of Items: 1

Sales Order: 122283

VAT #:

FOB:

Ship Via: FED EX MOTOR FRESHip Via Acc:

# of Boxes: 27

Ship Log #: 1

Cust VAT #:

AWB:

Weight: 771

Ship Order:

Ship Date: 3/7/2017

Shipment:

Item	Part Number/Description	Shipped	BackOrd	CD	List Price	Disc	Unit Price	UOM	Total Amt
1	MS21042L4 NUT LOCKING, MS Loc/Whse: Loc/Whse: Control #: 154973-1 L-24384 41,800 PCS L-24385 6,000 PCS  100 PC PER PACK LETTER	47800	0	NE				EA	
<div>ITEM M821042L4 = 28</div> <div></div> <div>BATCH 7364499269</div> <div></div> <div>NANUARIO 03/14/17</div>									

C OF C ENCLOSED  
27 BOXES 771 LBS  
INV# 148790-148800 ARE SHIPPING TOGETHER  
PARTS MANUFACTURED IN THE USA!!  
THANK YOU!

Special Instructions:

Authorized Signature:





2655 Harrison Ave. SW  
Canton, Ohio 44706-3047  
Phone: 330-430-6190  
Fax: 330-430-6199

**CERTIFICATE OF CONFORMANCE**

**AVIALL AEROSPACE**

I hereby certify that on **03/07/17** Airfasco Industries provided the supplies called for by Contract/ PO Number **45603455** in accordance with all applicable requirements for shipment. I further state/ that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States.

Quality Assurance Representative

  
WM. DENT

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
MS21042L4	24384	41800	MS21042L4	24385	6000





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

# Packing Slip

Original

Invoice #: 149661

Invoice Date: 4/28/2017

Time: 1:43:16 PM

Page: 1

## To:

AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

## Ship To:

AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45644209

Terms: NET 30

Ship Via: FED EX MOTOR FRESHip Via Acc:

Order Date: 4/19/2017

# of Items: 1

# of Boxes: 21

Weight: 4112

Prepared By:

Sales Order: 123090

Ship Log #: 1

Ship Order:

Customer #: 15195

VAT #:

Cust VAT #:

Ship Date: 4/28/2017

Buyer: REJOE JACOB

FOB:

AWB:

Shipment:

WO #:

Item	Part Number/Description	Shipped	BackOrd	CD	List Price	Disc	Unit Price	UOM	Total Amt
1	MS21042L3 NUT, MS Loc/Whse: 5A2 Loc/Whse: BIN BOX Control #: 155063-1 L-26847 20,500 PCS L-26846 45,000 PCS  100 PC PER PACK LETTER IN BOX	65500	34500	NE				EA	
ITEM MS21042L3=28  BATCH 7364546660  DLOGAN 05/08/17									

C OF C ENCLOSED  
21 BOXES 412 LBS  
INV# 149660-149668 ARE SHIPPING TOGETHER  
PARTS ARE MANUFACTURED IN THE USA!!  
THANK YOU!

## Special Instructions:

Authorized Signature:





2655 Harrison Ave. SW  
Canton, Ohio 44706-3047  
Phone: 330-430-6190  
Fax: 330-430-6199

## CERTIFICATE OF CONFORMANCE

### AVIALL AEROSPACE

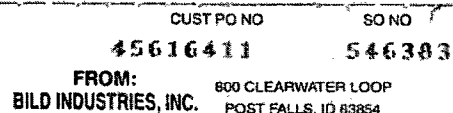
I hereby certify that on **04/28/17** Airfasco Industries provided the supplies called for by Contract/ PO Number **45644209** in accordance with all applicable requirements for shipment. I further state/ that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States.

Quality Assurance Representative

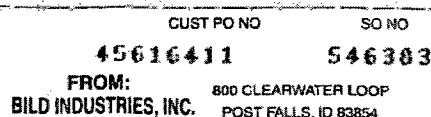
  
WM. DENT

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
MS21042L3	26847	20500	MS21042L3	26846	45000

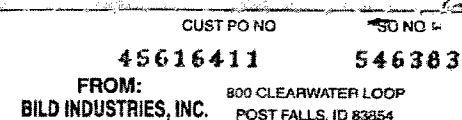




AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261



AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261



AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

COMPLETE CUSTOMER PO NO.

BILL TO NO.

SHIP TO NO

PAGE

AVIALL SERVICES, INC.  
ATTN. AP DEPT.  
P.O. BOX 619048  
DALLAS TX

TX 752619048

45616411

**BUYER NAME & PHONE NO.**

**LANA**

AST007

**INSPECT IMMEDIATELY**

ITEM MS24693C278-28

BATCH 7364508888

DLOGAN

03/24/17

**DLOGAN**  
**03/24/17**

TFM MS24693C278=28

BATCH 7364508888

### CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE \_\_\_\_\_

QUALITY CONTROL MANAGER

MAR 15 2017

DATE SHIPPED

SHIPPED VIA

SIGNATURE - MERCHANDISE RECEIVED

**X**

AVAIL





Company  
Align Aerospace Main CDC  
21123 Nordhoff Street  
CHATSORTH CA 91311  
USA

Phone:  
Fax:  
Internet:

Page 1 of 1  
11/30/2016

# PACKING SLIP

## Sold-To-Party

AVIALL SERVICES, INC.  
PO BOX 619048  
DALLAS TX 75261  
USA  
9724062000  
Katherine.bell@alignaero.com

## Ship-To-Party

AVIALL CENTRAL WAREHOUSE  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

## Information

Packing Slip No.	81482093
Document Date	11/18/2016
Customer PO No.	45499983
Customer PO Date	08/16/2016
Sales Order No.	475385
Sales Order Date	08/25/2016
Customer No.	2004461
Ship Via	Fedex ground
Shipping Conditions	Standard
Incoterms	FOB SHIPPOINT
Delivery Date	12/05/2016
Total Boxes	479
Contact Info.	

Item	Material/Description	Ordered Qty	Qty Shipped	Balance Due	Weight
123985630					
	NAS1149F0663P	95,800.00 EA	95,800.00 EA	0.00 EA	6,035.400 LB
	WASHER, FLAT-STEEL				
	Batch 0000127968				
	BUYER: LANA TUMMONS/REJOE JACOB				
	PO 45499983				
	MULTIPLE BATCHES = SPLIT LINES				
	Characteristics				
	Cert Code at Batch Level DTE				
	Country of origin of material US				
	Manufacturer Name ANILLOIN				
	Vendor Batch Number Z4324				
	Revision of Material in batch 6				
	CAGE Code - Ext mfg number				
	C10630				

ITEM NAS1149F0663P = 28



BATCH 7364438983



NSANCHEZ  
12/22/16

This document shown in US currency. The commodities sold by Align must be exported from USA in accordance with US Export law / regulations. Diversion contrary to USA law is prohibited. Tax ID:

These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

## CERTIFICATE OF CONFORMANCE

The manufacturer has represented products furnished in this shipment as conforming to applicable drawings and specifications. Required supporting evidence is available at Align Aerospace or source of Purchase upon request, subject to a fee.

DIRECTOR OF QUALITY

Ronald Besque



**ANILLO Industries, Inc.**

2090 NORTH GLASSELL STREET, ORANGE, CA 92665-3391 USA

PLEASE REMIT TO

P.O. BOX 5586 ORANGE, CA 92663-5586 USA

(714)637-7000 (562)824-6632 FAX(714) 637-3022 CAGE CODE: 10830

AS9100  
HANGAR CP  
ISO 9001  
CERTIFIED**625905****Packing List &  
Certification**

WE ACCEPT

VISA/MASTER/DISCOVER/AMEX

<b>SOLD TO</b> ALIGN AEROSPACE ATTN: ACCOUNTS PAYABLE DEPT. 21123 NORDHOFF ST.  CHATSWORTH, CA 91311	<b>1120</b>	<b>SHIP TO</b> ALIGN AEROSPACE 21123 NORDHOFF ST. CHATSWORTH, CA 91311	<b>A</b>
---	-------------	---	----------

DATE ORDER REC'D <b>09/28/2016</b>	ORDER NUMBER <b>4500091180</b>	INVOICE DATE	SHIPPED VIA <b>WILL CALL</b>	TERMS 1% 10 DAYS, NET 30
ITEM	ORDERED	SHIPPED	DESCRIPTION	NET WEIGHT

14	100,000	<b>NAS1149F0663P</b>		
REV 6 / LOT#Z4324 / QCR:1,4,6,8,15,17,30,31, ECCN: 9A991 Schedule B#: 7318,22.0000 COO: USNLR				

We certify that: 1. Item number 14 above is manufactured in accordance with the material and processing specifications of this order.  
2. We certify that the material on this order conforms in all respects to the current applicable government and/or manufacturer's specification. Test reports are on file and are available for examination on all Anillo manufactured parts. All claims for errors or shortages must be made within 10 days after receipt of goods.  
No good to be returned without written authorization. All claims for defective material must be filed within 30 days of shipment to receive consideration. We do not assume financial responsibility or liability from the use of products sold, other than the replacement value of the products sold, if claimed within the specified time limit above.

&lt;&lt; R.M.A.# REQUIRED FOR RETURNS &gt;&gt;

&lt;&lt; TO THE BEST OF OUR KNOWLEDGE, PARTS ARE MERCURY FREE &gt;&gt;

**Certification**

STAMP

DATE **SEP 28 2016**

Parts manufactured are in compliance  
with Specialty Metals requirements  
cited in DFARS 252.225-7009  
(formerly 252.225-7014 Preference  
for Domestic Specialty Metals, Alt 1).

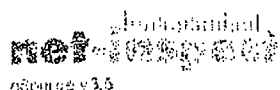
BY Ben Omidwar  
Ben Omidwar, Quality Assurance Manager

FI 4.03.05



9/28/2016

www.esource-inspect.com/InspectionView.aspx?inspectionID=80744



eSource v3.5

Dashboard

Search Inspections

Reports

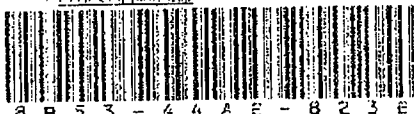
Home &gt; My Inspections &gt; Completed

Shipping Authorization # **8B53-44AE-823E**

Inspected By: Emporatrix Photo

Inspection On: 9/28/2016

Print Shipping Slip



8 B 5 3 - 4 4 A E - 8 2 3 E

## Completed Inspection



The following is a completed inspection. You can not edit an inspection after it has been completed.

Status: Complete  
 Customer: ALIGN AEROSPACE - CHATSWORTH  
 Supplier: AVIALLO INDUSTRIES INC - GRANGE

Part #:	<u>NAG119FD663U</u>	Dwg. Rev.:	3
		Lvl.:	
Connectivity Type:	Mechanical Standard Part/Hardware	Quantity:	100000
Program Code:	N/A	Aug?	False
Part Description:	N/A		
PO #:	4500091100	PO Line Number:	14
Customer Planning #:	N/A	Cost Rev. Lvl.:	N/A
Supplier Planning #:	N/A	Supplier Rev. Lvl.:	N/A
Part Serial #s:	N/A		

Shipper #:

805895

Shipping Date:

9/29/2016

## Checklist

Item	Pass/Fail	Description	Answer
saved	1	Does the cart package provided with your order include all the required certifications (e.g. material certs, test reports, process certs, etc.) in order to comply with Align's Purchase Order? (refer to first page of Align PO to view cart requirements - highlighted)	Yes
saved	2	Does your Certificate of Conformance (C of C) refer back to the correct Align Purchase Order?	Yes
saved	3	Does your Certificate of Conformance (C of C) identify the location of the part shipping cart? Does it match the location noted on the Align Purchase Order?	Yes
saved	4	Does the part number on the Certificate of Conformance (C of C) match the part number	Yes

http://www.esource-inspect.com/InspectionView.aspx?inspectionID=80744

AVIALLO - TRUE CERTIFIED COPY | 05/31/2017 | Ship #: 8004530308 | Line: 100 | 7364438983 | Qty: 200 | CPO: PO36471



# Certification

HIGHTOWER PLATING & MFG. CO.  
An Affiliate of Anillo Industries, Inc.  
2090 North Glassell st.  
Orange, CA. 92865-3391  
(714) 637-9110

*This is to certify that the below listed parts were processed per the applicable specification listed below.*

*Test reports and procedures governing this process are on file and subject to examination.*

*All parts are inspected for plating thickness by use of a X-ray. All instruments are currently calibrated and subject to examination.*

## CADMIUM PLATE AMS-QQ-P-416

Type	Class	Thickness	Revision
II	2	.000401	E

Job Number: Z4324      P/N REV.: 6      Quantity: 169,155      Visual: Y  
Part Number: NAS1149 F 0663 P      Adhesion: N  
Description:

Date: 08/26/16

Authorized by: MARIBEL CUEVAS

Stamp:



FORM # 4.09.117 REV A 05/19/09





2655 Harrison Ave SW  
Canton, OH 44706  
Ph: 330-430-6190, Fax: 330-430-6199,

## Packing Slip

Original

Invoice #: 148114

Invoice Date: 12/31/2016

Time: 1:51:25 PM

Page: 1

### To:

AVIALL AEROSPACE TEXAS  
PO BOX 619048  
DFW AIRPORT  
DALLAS, TX 75261-0000  
USA  
ATTN: REJOE JACOB  
Ph: 972-586-1903 Fax: 972-586-7995

### Ship To:

AVIALL AEROSPACE TEXAS  
2750 REGENT BLVD.  
DFW AIRPORT  
DALLAS, TX 75261-0000

Cust. PO#: 45583868

Terms: NET 30

Ship Via: FED EX GROUND

Ship Via Acc: 123985630

Order Date: 1/17/2017

# of Items: 1

# of Boxes: 30

Weight: 839

Prepared By:

Sales Order: 121884

Ship Log #: 1

Ship Order:

Customer #: 15195

VAT #:

Cust VAT #:

Ship Date: 1/18/2017

Buyer: REJOE JACOB

FOB:

AWB:

Shipment:

WO #:

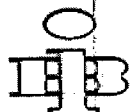
Item	Part Number/Description	Shipped	BackOrd	CD	List Price	Disc	Unit Price	UOM	Total Amt
1	AN4-13A BOLT, AN Loc/Whse: 5B1 Control #: 154436-1 L-25155  50 PC PER PACK	5000	0	NE				EA	
<div>ITEM AN4-13A = 28</div> <div></div> <div>BATCH 7364463339</div> <div></div> <div>TPHONOSP 01/26/17</div>									

C OF C ENCLOSED  
30 BOXES 839 LBS  
PARTS MANUFACTURED IN THE USA!!  
THANK YOU!

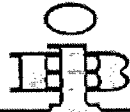
Special Instructions:

Authorized Signature:

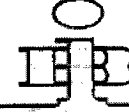




CUST PO NO \*45525231 SO NO 538204  
 FROM: 800 CLEARWATER LOOP  
 BILD INDUSTRIES, INC. POST FALLS, ID 83854



CUST PO NO \*45525231 SO NO 538204  
 FROM: 800 CLEARWATER LOOP  
 BILD INDUSTRIES, INC. POST FALLS, ID 83854



CUST PO NO \*45525231 SO NO 538204  
 FROM: 800 CLEARWATER LOOP  
 BILD INDUSTRIES, INC. POST FALLS, ID 83854

SHIP TO

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.  
 ATTN. AP DEPT.  
 P.O. BOX 619048  
 DALLAS TX 752619048

COMPLETE CUSTOMER PO NO.

\*45525231

BUYER NAME & PHONE NO.

LANA

BILL TO NO.

SHIP TO NO.

PAGE

ASI007

PAGE

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1		250	250	82595 / 69208 NAS6604D16	*45525231	ASI007	BOLT bx 49-26
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
2		1	1	S/C MANUFACTURE CERT	*45525231	ASI007	CERTIFICATION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
3		1	1	USA COUNTRY OF ORIGIN	*45525231	ASI007	
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION

CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE OCT 19 2016

QUALITY CONTROL MANAGER

*[Signature]*

TOTAL WT

NO CTNS

P = PARTIAL  
 C = COMPLETE  
 CC = CONSIDER COMPLETE  
 CX = CANCEL

DATE SHIPPED

SHIPPED VIA

SIGNATURE - MERCHANDISE RECEIVED

EMARISCAL  
 10/26/16

ITEM NAS6604D16-28



BATCH 7364392536



AVA



# SAFETY DATA SHEET



Date of issue/Date of revision 11 October 2016

Version 8

## Section 1. Identification

Product name : 515X349S BASE COMPONENT  
Product code : 515X349S BASE COMPONENT  
Other means of identification : Not available.  
Product type : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.  
Use of the substance/  
mixture : Coating.  
Uses advised against : Not applicable.

Manufacturer : PPG Aerospace PRC-DeSoto  
12780 San Fernando Road  
Sylmar, CA 91342  
Phone: 818 362 6711  
Emergency telephone : (412) 434-4515 (U.S.)  
number : (514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 2  
ACUTE TOXICITY (oral) - Category 4  
EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 1A  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 46.6%

### GHS label elements



## Section 2. Hazards identification

Hazard pictograms

:



Signal word

: Danger

Hazard statements

: Highly flammable liquid and vapor.  
Harmful if swallowed.  
Causes serious eye irritation.  
May cause cancer.  
May cause drowsiness or dizziness.  
Causes damage to organs through prolonged or repeated exposure.

### Precautionary statements

Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response

: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage

: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

: Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. NTP, IARC and OSHA have classified chromium (+6) compounds as carcinogenic. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.

Hazards not otherwise classified

: Prolonged or repeated contact may dry skin and cause irritation.



### Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product name : 515X349S BASE COMPONENT

Ingredient name	%	CAS number
crystalline silica, respirable powder (<10 microns)	≥20 - ≤50	14808-60-7
n-butyl acetate	≥10 - ≤20	123-86-4
butanone	≥10 - ≤20	78-93-3
strontium chromate	≥10 - ≤20	7789-06-2
cyclohexanone	≥5.0 - ≤10	108-94-1
butan-1-ol	≥1.0 - <3.0	71-36-3
barium chromate	<1.0	10294-40-3
carbon black, respirable powder	≤1.0	1333-86-4

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

#### Description of necessary first aid measures

- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Defatting to the skin. May cause skin dryness and irritation.
- Ingestion** : Harmful if swallowed. Can cause central nervous system (CNS) depression.

##### Over-exposure signs/symptoms



## Section 4. First aid measures

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Skin contact** : Adverse symptoms may include the following:  
irritation  
dryness  
cracking
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.



## Section 5. Fire-fighting measures

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
halogenated compounds  
metal oxide/oxides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Ingestion of product or cured coating may be harmful. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
crystalline silica, respirable powder (<10 microns)	<b>OSHA PEL Z3 (United States, 2/2013).</b> TWA: 10 mg/m <sup>3</sup> / (%SiO <sub>2</sub> +2) 8 hours. Form: Respirable TWA: 250 mppcf / (%SiO <sub>2</sub> +5) 8 hours. Form: Respirable <b>ACGIH TLV (United States, 3/2015).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction <b>OSHA PEL Z3 (United States).</b> TWA: 30 mg/m <sup>3</sup> Form: Total dust <b>ACGIH TLV (United States, 3/2015).</b> STEL: 200 ppm 15 minutes.
n-butyl acetate	



## Section 8. Exposure controls/personal protection

butanone

TWA: 150 ppm 8 hours.  
**OSHA PEL (United States, 2/2013).**  
 TWA: 710 mg/m<sup>3</sup> 8 hours.  
 TWA: 150 ppm 8 hours.  
**ACGIH TLV (United States, 3/2015).**  
 STEL: 885 mg/m<sup>3</sup> 15 minutes.  
 STEL: 300 ppm 15 minutes.  
 TWA: 590 mg/m<sup>3</sup> 8 hours.  
 TWA: 200 ppm 8 hours.

strontium chromate

**OSHA PEL (United States, 2/2013).**  
 TWA: 590 mg/m<sup>3</sup> 8 hours.  
 TWA: 200 ppm 8 hours.  
**ACGIH TLV (United States, 3/2015).**  
 TWA: 0.0005 mg/m<sup>3</sup>, (measured as Cr) 8 hours.

cyclohexanone

**OSHA PEL Z2 (United States, 2/2013).**  
 CEIL: 1 mg/10m<sup>3</sup>  
**OSHA PEL (United States, 2/2013).**  
 TWA: 0.005 mg/m<sup>3</sup>, (as Cr) 8 hours.  
**ACGIH TLV (United States, 3/2015).**  
**Absorbed through skin.**

butan-1-ol

STEL: 50 ppm 15 minutes.  
 TWA: 20 ppm 8 hours.  
**OSHA PEL (United States, 2/2013).**  
 TWA: 200 mg/m<sup>3</sup> 8 hours.  
 TWA: 50 ppm 8 hours.  
**ACGIH TLV (United States, 3/2015).**  
 TWA: 20 ppm 8 hours.

barium chromate

**OSHA PEL (United States, 2/2013).**  
 TWA: 300 mg/m<sup>3</sup> 8 hours.  
 TWA: 100 ppm 8 hours.  
**ACGIH TLV (United States, 3/2015).**  
 TWA: 0.01 mg/m<sup>3</sup>, (measured as Cr) 8 hours.  
 Form: Insoluble

carbon black, respirable powder

**OSHA PEL (United States, 2/2013).**  
 TWA: 0.005 mg/m<sup>3</sup>, (as Cr) 8 hours.  
**OSHA PEL Z2 (United States, 2/2013).**  
 CEIL: 1 mg/10m<sup>3</sup>  
**OSHA PEL (United States).**  
 TWA: 5 mg/m<sup>3</sup>  
**ACGIH TLV (United States, 3/2015).**  
 TWA: 3 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction  
**OSHA PEL (United States, 2/2013).**  
 TWA: 3.5 mg/m<sup>3</sup> 8 hours.

### Key to abbreviations

A = Acceptable Maximum Peak  
 ACGIH = American Conference of Governmental Industrial Hygienists.  
 C = Ceiling Limit  
 F = Fume  
 IPEL = Internal Permissible Exposure Limit  
 OSHA = Occupational Safety and Health Administration.

S = Potential skin absorption  
 SR = Respiratory sensitization  
 SS = Skin sensitization  
 STEL = Short term Exposure limit values  
 TD = Total dust  
 TLV = Threshold Limit Value



## Section 8. Exposure controls/personal protection

R = Respirable

TWA = Time Weighted Average

Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

### Consult local authorities for acceptable exposure limits.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Chemical splash goggles.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves** : For prolonged or repeated handling, use the following type of gloves:

Recommended: neoprene

May be used: polyvinyl alcohol (PVA), Viton®, butyl rubber, nitrile rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.



## Section 8. Exposure controls/personal protection

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Liquid.  
**Color** : Green.  
**Odor** : Not available.  
**Odor threshold** : Not available.  
**pH** : Not available.  
**Melting point** : Not available.  
**Boiling point** : >37.78°C (>100°F)  
**Flash point** : Closed cup: -0.56°C (31°F)  
**Material supports combustion.** : Yes.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Flammability (solid, gas)** : Not available.  
**Lower and upper explosive (flammable) limits** : Not available.  
**Evaporation rate** : Not available.  
**Vapor pressure** : Not available.  
**Vapor density** : Not available.  
**Relative density** : 1.3  
**Density ( lbs / gal )** : 10.85  
**Solubility** : Insoluble in the following materials: cold water.  
**Partition coefficient: n-octanol/water** : Not available.  
**Viscosity** : Kinematic (40°C (104°F)): >0.21 cm<sup>2</sup>/s (>21 cSt)  
**VOC** : 514 g/l

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.



## Section 10. Stability and reactivity

Refer to protective measures listed in sections 7 and 8.

**Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

**Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
n-butyl acetate	LC50 Inhalation Vapor	Rat	>21.1 mg/l	4 hours
	LC50 Inhalation Vapor	Rat	2000 ppm	4 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10.768 g/kg	-
butanone	LC50 Inhalation Vapor	Rat	11243 ppm	4 hours
	LD50 Dermal	Rabbit	6480 mg/kg	-
	LD50 Oral	Rat	2737 mg/kg	-
strontium chromate	LD50 Oral	Rat	3118 mg/kg	-
	LC50 Inhalation Gas.	Rat	8000 ppm	4 hours
cyclohexanone	LD50 Dermal	Rabbit	0.948 g/kg	-
	LD50 Oral	Rat	1.54 g/kg	-
	LC50 Inhalation Vapor	Rat	24000 mg/m <sup>3</sup>	4 hours
butan-1-ol	LC50 Inhalation Vapor	Rat	8000 ppm	4 hours
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	790 mg/kg	-
	LD50 Dermal	Rabbit	>3 g/kg	-
carbon black, respirable powder	LD50 Oral	Rat	>15400 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Classification



**Section 11. Toxicological information**

Product/ingredient name	OSHA	IARC	NTP
crystalline silica, respirable powder (<10 microns)	-	1	Known to be a human carcinogen.
strontium chromate	+	1	Known to be a human carcinogen.
cyclohexanone	-	3	-
barium chromate	+	1	Known to be a human carcinogen.
carbon black, respirable powder	-	2B	-

**Carcinogen Classification code:**

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

**Reproductive toxicity****Conclusion/Summary** : There are no data available on the mixture itself.**Teratogenicity****Conclusion/Summary** : There are no data available on the mixture itself.**Specific target organ toxicity (single exposure)**

Name	Category
n-butyl acetate	Category 3
butanone	Category 3
butan-1-ol	Category 3

**Specific target organ toxicity (repeated exposure)**

Name	Category
crystalline silica, respirable powder (<10 microns)	Category 1
strontium chromate	Category 2
cyclohexanone	Category 1
barium chromate	Category 2

**Target organs**

: Contains material which causes damage to the following organs: blood, liver, spleen, brain, bone marrow.

: Contains material which may cause damage to the following organs: kidneys, lungs, peripheral nervous system, upper respiratory tract, skin, bones, central nervous system (CNS), ears, eye, lens or cornea.

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure****Potential acute health effects**

**Eye contact** : Causes serious eye irritation.

**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

**Skin contact** : Defatting to the skin. May cause skin dryness and irritation.

**Ingestion** : Harmful if swallowed. Can cause central nervous system (CNS) depression.

**Over-exposure signs/symptoms**



**Section 11. Toxicological information**

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Skin contact** : Adverse symptoms may include the following:  
irritation  
dryness  
cracking
- Ingestion** : No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

- Conclusion/Summary** : There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

**Short term exposure**

- Potential immediate effects** : There are no data available on the mixture itself.
- Potential delayed effects** : There are no data available on the mixture itself.

**Long term exposure**

- Potential immediate effects** : There are no data available on the mixture itself.
- Potential delayed effects** : There are no data available on the mixture itself.

**Potential chronic health effects**

- General** : Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

**Numerical measures of toxicity**



## Section 11. Toxicological information

### Acute toxicity estimates

Route	ATE value
Oral	1389.6 mg/kg
Dermal	5165.5 mg/kg
Inhalation (gases)	47168.1 ppm
Inhalation (vapors)	64.86 mg/l
Inhalation (dusts and mists)	8.844 mg/l

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
n-butyl acetate	1.78	-	low
butanone	0.29	-	low
cyclohexanone	0.81	-	low
butan-1-ol	0.88	-	low

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.



Product code **515X349S BASE COMPONENT**

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Product name **515X349S BASE COMPONENT**

## Section 13. Disposal considerations

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## 14. Transport information

	DOT	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
Packing group	II	II	II
Environmental hazards	No.	Yes.	No.
Marine pollutant substances	Not applicable.	(strontium chromate)	Not applicable.
Product RQ (lbs)	82.534	Not applicable.	Not applicable.
RQ substances	(strontium chromate, n-butyl acetate)	Not applicable.	Not applicable.

### Additional information

- DOT** : Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
- IMDG** : The marine pollutant mark is not required when transported in sizes of  $\leq 5$  L or  $\leq 5$  kg.
- IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### United States

**United States inventory (TSCA 8b)** : All components are listed or exempted.

### SARA 302/304

**SARA 304 RQ** : Not applicable.

### Composition/information on ingredients

No products were found.

### SARA 311/312

**Classification** : Fire hazard  
Immediate (acute) health hazard  
Delayed (chronic) health hazard

### Composition/information on ingredients



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**Section 15. Regulatory information**

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
crystalline silica, respirable powder (<10 microns)	No.	No.	No.	No.	Yes.
n-butyl acetate	Yes.	No.	No.	Yes.	No.
butanone	Yes.	No.	No.	Yes.	No.
strontium chromate	No.	No.	No.	Yes.	Yes.
cyclohexanone	Yes.	No.	No.	Yes.	Yes.
butan-1-ol	Yes.	No.	No.	Yes.	No.
barium chromate	Yes.	No.	No.	Yes.	Yes.
carbon black, respirable powder	Yes.	No.	No.	No.	Yes.

**SARA 313**

	<u>Chemical name</u>	<u>CAS number</u>	<u>Concentration</u>
<b>Supplier notification</b>	: strontium chromate	7789-06-2	7 - 13
	butan-1-ol	71-36-3	1 - 5
	barium chromate	10294-40-3	0.1 - 1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**California Prop. 65**

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**Section 16. Other information****Hazardous Material Information System (U.S.A.)**

Health : 3 \* Flammability : 3 Physical hazards : 0

(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)**

Health : 3 Flammability : 3 Instability : 0

Date of previous issue : 4/29/2016

Organization that prepared the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)



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Product name **515X349S BASE COMPONENT**

## Section 16. Other information

UN = United Nations

✔ Indicates information that has changed from previously issued version.

### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*



# SAFETY DATA SHEET



Date of issue/Date of revision 26 October 2016

Version 7.02

## Section 1. Identification

Product name : 910X533 ACTIVATOR COMPONENT  
Product code : 910X533 ACTIVATOR COMPONENT  
Other means of identification : Not available.  
Product type : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.  
Use of the substance/ mixture : Hardener.  
Uses advised against : Not applicable.

Manufacturer : PPG Aerospace PRC-DeSoto  
12780 San Fernando Road  
Sylmar, CA 91342  
Phone: 818 362 6711  
Emergency telephone number : (412) 434-4515 (U.S.)  
(514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 2  
ACUTE TOXICITY (oral) - Category 4  
ACUTE TOXICITY (inhalation) - Category 4  
SKIN IRRITATION - Category 2  
SERIOUS EYE DAMAGE - Category 1  
SKIN SENSITIZATION - Category 1  
TOXIC TO REPRODUCTION (Unborn child) - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

### GHS label elements



## Section 2. Hazards identification

Hazard pictograms



Signal word

: Danger

Hazard statements

: Highly flammable liquid and vapor.  
Harmful if swallowed or if inhaled.  
Causes serious eye damage.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Suspected of damaging the unborn child.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements

Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response

: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

Storage

: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

: Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. This product either contains formaldehyde or is capable of releasing formaldehyde above 0.5 ppm under certain conditions. Formaldehyde is a known cancer hazard, a skin sensitizer and a respiratory sensitizer. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.

Hazards not otherwise classified

: Prolonged or repeated contact may dry skin and cause irritation.



### Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product name : 910X533 ACTIVATOR COMPONENT

Ingredient name	%	CAS number
propan-1-ol	≥50 - ≤75	71-23-8
toluene	≥20 - ≤50	108-88-3
N-(3-(trimethoxysilyl)propyl)ethylenediamine	≥1.0 - ≤5.0	1760-24-3
2,4,6-tris(dimethylaminomethyl)phenol	≥1.0 - ≤5.0	90-72-2

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

#### Description of necessary first aid measures

- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
- Ingestion** : Harmful if swallowed. Can cause central nervous system (CNS) depression.

##### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness



## Section 4. First aid measures

- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
dryness  
cracking  
blistering may occur  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
stomach pains  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.



## Section 5. Fire-fighting measures

**Hazardous thermal decomposition products**

: Decomposition products may include the following materials:

carbon dioxide  
carbon monoxide  
nitrogen oxides  
metal oxide/oxides

**Special protective actions for fire-fighters**

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters**

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders**

: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions**

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill**

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill**

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
propan-1-ol	OSHA PEL (United States, 2/2013). TWA: 500 mg/m <sup>3</sup> 8 hours. TWA: 200 ppm 8 hours.
toluene	ACGIH TLV (United States, 3/2015). TWA: 100 ppm 8 hours. OSHA PEL Z2 (United States, 2/2013). AMP: 500 ppm 10 minutes. CEIL: 300 ppm TWA: 200 ppm 8 hours. ACGIH TLV (United States, 3/2015). TWA: 20 ppm 8 hours.



## Section 8. Exposure controls/personal protection

N-(3-(trimethoxysilyl)propyl)ethylenediamine  
2,4,6-tris(dimethylaminomethyl)phenol

None.  
None.

### Key to abbreviations

A	= Acceptable Maximum Peak	S	= Potential skin absorption
ACGIH	= American Conference of Governmental Industrial Hygienists.	SR	= Respiratory sensitization
C	= Ceiling Limit	SS	= Skin sensitization
F	= Fume	STEL	= Short term Exposure limit values
IPEL	= Internal Permissible Exposure Limit	TD	= Total dust
OSHA	= Occupational Safety and Health Administration.	TLV	= Threshold Limit Value
R	= Respirable	TWA	= Time Weighted Average
Z	= OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances		

### Consult local authorities for acceptable exposure limits.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Chemical splash goggles and face shield.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves** : butyl rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.



## Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Clear.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : 96.67 to 316.11°C (206 to 601°F)
- Flash point** : Closed cup: 7.22°C (45°F)
- Material supports combustion.** : Yes.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Evaporation rate** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 0.84
- Density ( lbs / gal )** : 7.01
- Solubility** : Insoluble in the following materials: cold water.
- Partition coefficient: n-octanol/water** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): >0.21 cm<sup>2</sup>/s (>21 cSt)
- VOC** : 804 g/l



## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.  
Refer to protective measures listed in sections 7 and 8.
- Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions:  
oxidizing agents, strong alkalis, strong acids.
- Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
propan-1-ol	LC50 Inhalation Vapor	Rat	>9800 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	4.049 g/kg	-
toluene	LD50 Oral	Rat	1870 mg/kg	-
	LC50 Inhalation Vapor	Rat	49 g/m <sup>3</sup>	4 hours
	LC50 Inhalation Vapor	Rat	8000 ppm	4 hours
	LD50 Dermal	Rabbit	8.39 g/kg	-
N-(3-(trimethoxysilyl)propyl) ethylenediamine	LD50 Oral	Rat	636 mg/kg	-
	LD50 Oral	Rat	2413 mg/kg	-
	LD50 Dermal	Rabbit	1.28 g/kg	-
	LD50 Dermal	Rat	1280 mg/kg	-
2,4,6-tris (dimethylaminomethyl)phenol	LD50 Oral	Rat	1200 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

- Skin** : There are no data available on the mixture itself.
- Eyes** : There are no data available on the mixture itself.
- Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

- Skin** : There are no data available on the mixture itself.
- Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity



**Section 11. Toxicological information****Conclusion/Summary** : There are no data available on the mixture itself.**Carcinogenicity****Conclusion/Summary** : There are no data available on the mixture itself.**Classification**

Product/ingredient name	OSHA	IARC	NTP
toluene	-	3	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

**Reproductive toxicity****Conclusion/Summary** : There are no data available on the mixture itself.**Teratogenicity****Conclusion/Summary** : There are no data available on the mixture itself.**Specific target organ toxicity (single exposure)**

Name	Category
propan-1-ol	Category 3
toluene	Category 3

**Specific target organ toxicity (repeated exposure)**

Name	Category
toluene	Category 2

**Target organs**

: Contains material which causes damage to the following organs: brain.  
 Contains material which may cause damage to the following organs: blood, kidneys, the reproductive system, liver, heart, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

**Aspiration hazard**

Name	Result
toluene	ASPIRATION HAZARD - Category 1

**Information on the likely routes of exposure****Potential acute health effects****Eye contact** : Causes serious eye damage.**Inhalation** : Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.**Skin contact** : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.**Ingestion** : Harmful if swallowed. Can cause central nervous system (CNS) depression.**Over-exposure signs/symptoms**



## Section 11. Toxicological information

**Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness

**Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
dryness  
cracking  
blistering may occur  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Ingestion** : Adverse symptoms may include the following:  
stomach pains  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Conclusion/Summary** : There are no data available on the mixture itself. Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. This product either contains formaldehyde or is capable of releasing formaldehyde above 0.5 ppm under certain conditions. Formaldehyde is a known cancer hazard, a skin sensitizer and a respiratory sensitizer. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

### Short term exposure

**Potential immediate effects** : There are no data available on the mixture itself.

**Potential delayed effects** : There are no data available on the mixture itself.

### Long term exposure



Product code 910X533 ACTIVATOR COMPONENT Date of issue 26 October 2016 Version 7.02

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## Section 11. Toxicological information

**Potential immediate effects** : There are no data available on the mixture itself.

**Potential delayed effects** : There are no data available on the mixture itself.

### Potential chronic health effects

**General** : May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : Suspected of damaging the unborn child.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
<input checked="" type="checkbox"/> Oral	1044.6 mg/kg
Dermal	6844.2 mg/kg
Inhalation (gases)	151214 ppm
Inhalation (vapors)	19.63 mg/l
Inhalation (dusts and mists)	50.4 mg/l

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
toluene	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
propan-1-ol	0.25	-	low
toluene	2.73	8.32	low

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.



## Section 13. Disposal considerations

### Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## 14. Transport information

	DOT	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
Packing group	II	II	II
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.
Product RQ (lbs)	2437.3	Not applicable.	Not applicable.
RQ substances	(toluene, benzene)	Not applicable.	Not applicable.

### Additional information

**DOT** : Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

**IMDG** : None identified.

**IATA** : None identified.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.



Product code 910X533 ACTIVATOR COMPONENT

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Product name 910X533 ACTIVATOR COMPONENT

## Section 15. Regulatory information

### United States

United States inventory (TSCA 8b) : All components are listed or exempted.

#### SARA 302/304

SARA 304 RQ : Not applicable.

#### Composition/information on ingredients

No products were found.

#### SARA 311/312

Classification : Fire hazard  
Immediate (acute) health hazard  
Delayed (chronic) health hazard

#### Composition/information on ingredients

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
propan-1-ol	Yes.	No.	No.	Yes.	No.
toluene	Yes.	No.	No.	Yes.	Yes.
N-(3-(trimethoxysilyl)propyl) ethylenediamine	No.	No.	No.	Yes.	No.
2,4,6-tris(dimethylaminomethyl)phenol	No.	No.	No.	Yes.	No.

#### SARA 313

	<u>Chemical name</u>	<u>CAS number</u>	<u>Concentration</u>
Supplier notification	: toluene	108-88-3	30 - 60

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

#### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health : 3 \* Flammability : 3 Physical hazards : 0

(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)

Health : 3 Flammability : 3 Instability : 0

Date of previous issue : 9/17/2016

Organization that prepared the MSDS : EHS



Product code **910X533 ACTIVATOR COMPONENT**

Date of issue **26 October 2016** Version **7.02**

Product name **910X533 ACTIVATOR COMPONENT**

## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973  
as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

▼ Indicates information that has changed from previously issued version.

### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*